

2004-2014 Az Balance of State¹ Occupational Projections

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
00-0000	Total, All Occupations	373,987	495,779	121,792	32.57%	12,338	9,277	21,615
11-0000	Management Occupations	18,349	24,632	6,283	34.24%	629	346	975
11-1000	Top Executives	5,337	7,232	1,895	35.51%	190	99	288
11-1011	Chief Executives	903	1,237	334	36.99%	33	17	50
11-1021	General and Operations Managers	4,116	5,567	1,451	35.25%	145	78	223
11-1031	Legislators	318	428	110	34.59%	11	4	15
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,064	1,460	396	37.22%	40	20	59
11-2011	Advertising and Promotions Managers	70	87	17	24.29%	2	1	3
11-2021	Marketing Managers	237	335	98	41.35%	10	4	14
11-2022	Sales Managers	655	886	231	35.27%	23	12	35
11-2031	Public Relations Managers	102	152	50	49.02%	5	2	7
11-3000	Operations Specialties Managers	2,412	3,297	885	36.69%	89	42	131
11-3011	Administrative Services Managers	661	917	256	38.73%	26	13	39
11-3021	Computer and Information Systems Managers	258	375	117	45.35%	12	5	16
11-3031	Financial Managers	752	999	247	32.85%	25	11	36
11-3041	Compensation and Benefits Managers	99	150	51	51.52%	5	2	7
11-3042	Training and Development Managers	68	101	33	48.53%	3	1	4
11-3049	Human Resources Managers, All Other	77	112	35	45.45%	4	1	5
11-3051	Industrial Production Managers	229	288	59	25.76%	6	4	10
11-3061	Purchasing Managers	102	135	33	32.35%	3	2	6
11-3071	Transportation, Storage, and Distribution Managers	166	220	54	32.53%	5	3	9
11-9000	Other Management Occupations	9,536	12,643	3,107	32.58%	312	185	497
11-9011	Farm, Ranch, and Other Agricultural Managers	79	68	-11	-13.92%	0	1	1
11-9021	Construction Managers	1,088	1,433	345	31.71%	35	20	54
11-9031	Education Administrators, Preschool and Child Care	169	260	91	53.85%	9	4	13
11-9032	Education Administrators, Elementary and Secondary School	705	1,103	398	56.45%	40	18	57
11-9033	Education Administrators, Postsecondary	264	412	148	56.06%	15	7	21
11-9039	Education Administrators, All Other	271	286	15	5.54%	2	7	8
11-9041	Engineering Managers	302	399	97	32.12%	10	6	16
11-9051	Food Service Managers	1,275	1,722	447	35.06%	45	21	66
11-9061	Funeral Directors	65	87	22	33.85%	2	2	4
11-9071	Gaming Managers	192	286	94	48.96%	9	4	13
11-9081	Lodging Managers	710	953	243	34.23%	24	12	36
11-9111	Medical and Health Services Managers	699	999	300	42.92%	30	14	44
11-9121	Natural Sciences Managers	100	112	12	12.00%	1	2	3

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SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
11-9141	Property, Real Estate, and Community Association Managers	1,220	1,370	150	12.30%	15	23	38
11-9151	Social and Community Service Managers	501	761	260	51.90%	26	10	36
11-9199	Managers, All Other	1,894	2,390	496	26.19%	50	37	87
13-0000	Business and Financial Operations Occupations	11,100	14,490	3,390	30.54%	339	209	548
13-1000	Business Operations Specialists	6,891	9,072	2,181	31.65%	218	133	351
13-1021	Purchasing Agents and Buyers, Farm Products	213	312	99	46.48%	10	7	17
13-1022	Wholesale and Retail Buyers, Except Farm Products	418	540	122	29.19%	12	11	23
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	569	724	155	27.24%	16	14	30
13-1031	Claims Adjusters, Examiners, and Investigators	135	153	18	13.33%	2	2	4
13-1041	Compliance Officers, Except Agriculture, Construction, Health	884	1,002	118	13.35%	12	21	33
13-1051	Cost Estimators	620	877	257	41.45%	26	14	40
13-1071	Employment, Recruitment, and Placement Specialists	203	288	85	41.87%	9	3	12
13-1072	Compensation, Benefits, and Job Analysis Specialists	140	200	60	42.86%	6	2	8
13-1073	Training and Development Specialists	566	816	250	44.17%	25	9	34
13-1079	Human Resources, Training, and Labor Relations Specialists,	351	476	125	35.61%	13	6	19
13-1081	Logisticians	128	132	4	3.13%	0	2	3
13-1111	Management Analysts	1,125	1,425	300	26.67%	30	15	45
13-1121	Meeting and Convention Planners	87	130	43	49.43%	4	2	6
13-1199	Business Operations Specialists, All Other	1,413	1,941	528	37.37%	53	24	77
13-2000	Financial Specialists	4,209	5,418	1,209	28.72%	121	76	197
13-2011	Accountants and Auditors	2,217	2,993	776	35.00%	78	42	119
13-2021	Appraisers and Assessors of Real Estate	480	636	156	32.50%	16	10	26
13-2031	Budget Analysts	179	211	32	17.88%	3	3	6
13-2041	Credit Analysts	67	69	2	2.99%	0	1	1
13-2051	Financial Analysts	98	124	26	26.53%	3	1	4
13-2052	Personal Financial Advisors	222	292	70	31.53%	7	3	10
13-2053	Insurance Underwriters	54	62	8	14.81%	1	1	2
13-2071	Loan Counselors	84	115	31	36.90%	3	1	4
13-2072	Loan Officers	596	659	63	10.57%	6	10	16
13-2082	Tax Preparers	91	98	7	7.69%	1	2	2
13-2099	Financial Specialists, All Other	54	62	8	14.81%	1	1	2
15-0000	Computer and Mathematical Occupations	4,078	5,695	1,617	39.65%	162	56	218
15-1000	Computer Specialists	3,813	5,371	1,558	40.86%	156	50	206
15-1011	Computer and Information Scientists, Research	107	124	17	15.89%	2	1	3
15-1021	Computer Programmers	552	634	82	14.86%	8	13	21
15-1031	Computer Software Engineers, Applications	300	466	166	55.33%	17	3	20
15-1032	Computer Software Engineers, Systems Software	235	377	142	60.43%	14	2	17
15-1041	Computer Support Specialists	1,074	1,477	403	37.52%	40	13	54
15-1051	Computer Systems Analysts	328	475	147	44.82%	15	4	18

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SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
15-1061	Database Administrators	100	170	70	70.00%	7	1	8
15-1071	Network and Computer Systems Administrators	333	554	221	66.37%	22	4	26
15-1081	Network Systems and Data Communications Analysts	310	550	240	77.42%	24	4	28
15-1099	Computer Specialists, All Other	474	544	70	14.77%	7	5	12
15-2000	Mathematical Scientists	265	324	59	22.26%	6	6	12
15-2031	Operations Research Analysts	233	289	56	24.03%	6	5	11
17-0000	Architecture and Engineering Occupations	4,129	5,307	1,178	28.53%	118	95	213
17-1000	Architects, Surveyors, and Cartographers	482	616	134	27.80%	13	13	27
17-1011	Architects, Except Landscape and Naval	98	123	25	25.51%	3	1	4
17-1022	Surveyors	328	422	94	28.66%	9	11	21
17-2000	Engineers	2,219	2,911	692	31.19%	69	46	115
17-2051	Civil Engineers	525	693	168	32.00%	17	8	25
17-2061	Computer Hardware Engineers	122	138	16	13.11%	2	2	4
17-2071	Electrical Engineers	102	145	43	42.16%	4	2	6
17-2072	Electronics Engineers, Except Computer	248	302	54	21.77%	5	5	10
17-2081	Environmental Engineers	98	135	37	37.76%	4	2	5
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	64	95	31	48.44%	3	2	5
17-2112	Industrial Engineers	252	349	97	38.49%	10	6	16
17-2141	Mechanical Engineers	287	360	73	25.44%	7	8	15
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	85	102	17	20.00%	2	3	4
17-2199	Engineers, All Other	305	399	94	30.82%	9	6	15
17-3000	Drafters, Engineering, and Mapping Technicians	1,428	1,780	352	24.65%	35	36	71
17-3011	Architectural and Civil Drafters	175	207	32	18.29%	3	5	8
17-3022	Civil Engineering Technicians	159	211	52	32.70%	5	3	9
17-3023	Electrical and Electronic Engineering Technicians	402	524	122	30.35%	12	8	21
17-3027	Mechanical Engineering Technicians	58	77	19	32.76%	2	1	3
17-3029	Engineering Technicians, Except Drafters, All Other	228	248	20	8.77%	2	6	8
17-3031	Surveying and Mapping Technicians	216	260	44	20.37%	4	8	12
19-0000	Life, Physical, and Social Science Occupations	3,623	4,270	647	17.86%	65	87	152
19-1000	Life Scientists	547	614	67	12.25%	7	16	22
19-1023	Zoologists and Wildlife Biologists	68	72	4	5.88%	0	2	3
19-1029	Biological Scientists, All Other	184	203	19	10.33%	2	6	8
19-1031	Conservation Scientists	117	129	12	10.26%	1	3	5
19-1032	Foresters	93	102	9	9.68%	1	3	4
19-2000	Physical Scientists	559	677	118	21.11%	12	13	25
19-2041	Environmental Scientists and Specialists, Including Health	153	187	34	22.22%	3	3	6
19-2099	Physical Scientists, All Other	243	294	51	20.99%	5	6	11

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19-3000	Social Scientists and Related Workers	965	1,296	331	34.30%	33	23	56
19-3021	Market Research Analysts	179	240	61	34.08%	6	5	11
19-3031	Clinical, Counseling, and School Psychologists	352	533	181	51.42%	18	8	26
19-3051	Urban and Regional Planners	110	165	55	50.00%	6	4	9
19-3091	Anthropologists and Archeologists	109	121	12	11.01%	1	2	3
19-3099	Social Scientists and Related Workers, All Other	136	142	6	4.41%	1	3	4
19-4000	Life, Physical, and Social Science Technicians	1,552	1,683	131	8.44%	13	36	49
19-4011	Agricultural and Food Science Technicians	50	55	5	10.00%	1	1	2
19-4021	Biological Technicians	160	178	18	11.25%	2	3	5
19-4093	Forest and Conservation Technicians	1,059	1,098	39	3.68%	4	25	29
19-4099	Life, Physical, and Social Science Technicians, All Other	147	166	19	12.93%	2	4	5
21-0000	Community and Social Services Occupations	4,640	6,925	2,285	49.25%	229	88	317
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	4,564	6,818	2,254	49.39%	225	87	312
21-1011	Substance Abuse and Behavioral Disorder Counselors	168	241	73	43.45%	7	4	11
21-1012	Educational, Vocational, and School Counselors	766	1,136	370	48.30%	37	18	55
21-1013	Marriage and Family Therapists	69	95	26	37.68%	3	2	4
21-1014	Mental Health Counselors	155	217	62	40.00%	6	4	10
21-1015	Rehabilitation Counselors	69	101	32	46.38%	3	2	5
21-1021	Child, Family, and School Social Workers	567	823	256	45.15%	26	10	35
21-1022	Medical and Public Health Social Workers	217	326	109	50.23%	11	4	15
21-1023	Mental Health and Substance Abuse Social Workers	152	233	81	53.29%	8	3	11
21-1029	Social Workers, All Other	156	210	54	34.62%	5	3	8
21-1091	Health Educators	221	338	117	52.94%	12	4	16
21-1092	Probation Officers and Correctional Treatment Specialists	1,001	1,516	515	51.45%	52	18	69
21-1093	Social and Human Service Assistants	824	1,261	437	53.03%	44	15	58
21-1099	Community and Social Service Specialists, All Other	155	256	101	65.16%	10	3	13
21-2000	Religious Workers	76	107	31	40.79%	3	1	5
23-0000	Legal Occupations	1,572	2,258	686	43.64%	69	19	87
23-1000	Lawyers, Judges, and Related Workers	1,113	1,637	524	47.08%	52	14	67
23-1011	Lawyers	934	1,379	445	47.64%	45	12	57
23-1023	Judges, Magistrate Judges, and Magistrates	154	221	67	43.51%	7	2	9
23-2000	Legal Support Workers	459	621	162	35.29%	16	5	21
23-2011	Paralegals and Legal Assistants	199	292	93	46.73%	9	2	11
23-2091	Court Reporters	61	90	29	47.54%	3	1	4
23-2092	Law Clerks	72	103	31	43.06%	3	1	4
23-2093	Title Examiners, Abstractors, and Searchers	116	123	7	6.03%	1	1	2
25-0000	Education, Training, and Library Occupations	23,378	37,009	13,631	58.31%	1,363	505	1,868
25-1000	Postsecondary Teachers	2,952	4,963	2,011	68.12%	201	67	268

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SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
25-1011	Business Teachers, Postsecondary	287	483	196	68.29%	20	7	26
25-1021	Computer Science Teachers, Postsecondary	107	178	71	66.36%	7	2	10
25-1022	Mathematical Science Teachers, Postsecondary	168	280	112	66.67%	11	4	15
25-1042	Biological Science Teachers, Postsecondary	121	204	83	68.60%	8	3	11
25-1066	Psychology Teachers, Postsecondary	53	89	36	67.92%	4	1	5
25-1071	Health Specialties Teachers, Postsecondary	166	284	118	71.08%	12	4	16
25-1072	Nursing Instructors and Teachers, Postsecondary	56	94	38	67.86%	4	1	5
25-1081	Education Teachers, Postsecondary	71	117	46	64.79%	5	2	6
25-1121	Art, Drama, and Music Teachers, Postsecondary	103	172	69	66.99%	7	2	9
25-1122	Communications Teachers, Postsecondary	90	153	63	70.00%	6	2	8
25-1123	English Language and Literature Teachers, Postsecondary	173	288	115	66.47%	12	4	15
25-1124	Foreign Language and Literature Teachers, Postsecondary	62	103	41	66.13%	4	1	6
25-1191	Graduate Teaching Assistants	319	544	225	70.53%	23	7	30
25-1194	Vocational Education Teachers, Postsecondary	166	279	113	68.07%	11	4	15
25-1199	Postsecondary Teachers, All Other	621	1,038	417	67.15%	42	14	56
25-2000	Primary, Secondary, and Special Education School Teachers	14,050	22,437	8,387	59.69%	839	317	1,156
25-2011	Preschool Teachers, Except Special Education	779	1,225	446	57.25%	45	9	54
25-2012	Kindergarten Teachers, Except Special Education	601	990	389	64.73%	39	7	46
25-2021	Elementary School Teachers, Except Special Education	6,569	10,567	3,998	60.86%	400	145	545
25-2022	Middle School Teachers, Except Special and Vocational Education	1,858	2,856	998	53.71%	100	41	141
25-2023	Vocational Education Teachers, Middle School	55	83	28	50.91%	3	1	4
25-2031	Secondary School Teachers, Except Special and Vocational	3,011	4,745	1,734	57.59%	173	85	258
25-2032	Vocational Education Teachers, Secondary School	242	381	139	57.44%	14	7	21
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	484	852	368	76.03%	37	12	48
25-2042	Special Education Teachers, Middle School	173	297	124	71.68%	12	4	17
25-2043	Special Education Teachers, Secondary School	278	441	163	58.63%	16	7	23
25-3000	Other Teachers and Instructors	1,033	1,451	418	40.46%	42	13	55
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	148	220	72	48.65%	7	2	9
25-3021	Self-Enrichment Education Teachers	364	566	202	55.49%	20	5	25
25-3099	Teachers and Instructors, All Other	521	665	144	27.64%	14	6	21
25-4000	Librarians, Curators, and Archivists	834	1,186	352	42.21%	35	24	59
25-4021	Librarians	398	565	167	41.96%	17	10	26
25-4031	Library Technicians	336	501	165	49.11%	17	12	29
25-9000	Other Education, Training, and Library Occupations	4,509	6,972	2,463	54.62%	246	84	331
25-9031	Instructional Coordinators	441	713	272	61.68%	27	7	34

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25-9041	Teacher Assistants	3,818	5,997	2,179	57.07%	218	74	292
25-9099	Education, Training, and Library Workers, All Other	239	245	6	2.51%	1	4	4
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	4,732	6,038	1,306	27.60%	131	89	220
27-1000	Art and Design Workers	1,374	1,664	290	21.11%	29	21	50
27-1011	Art Directors	88	102	14	15.91%	1	2	3
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	105	126	21	20.00%	2	2	4
27-1014	Multi-Media Artists and Animators	86	88	2	2.33%	0	2	2
27-1019	Artists and Related Workers, All Other	53	53	0	0.00%	0	1	1
27-1023	Floral Designers	202	238	36	17.82%	4	3	6
27-1024	Graphic Designers	471	587	116	24.63%	12	6	18
27-1025	Interior Designers	135	161	26	19.26%	3	2	4
27-1026	Merchandise Displayers and Window Trimmers	132	181	49	37.12%	5	2	7
27-1029	Designers, All Other	53	68	15	28.30%	2	1	2
27-2000	Entertainers and Performers, Sports and Related Workers	652	926	274	42.02%	27	15	42
27-2022	Coaches and Scouts	407	605	198	48.65%	20	8	28
27-2032	Choreographers	55	94	39	70.91%	4	3	7
27-2042	Musicians and Singers	82	99	17	20.73%	2	2	3
27-3000	Media and Communication Workers	2,035	2,632	597	29.34%	60	38	98
27-3011	Radio and Television Announcers	159	161	2	1.26%	0	4	4
27-3022	Reporters and Correspondents	319	365	46	14.42%	5	8	12
27-3031	Public Relations Specialists	350	503	153	43.71%	15	5	20
27-3041	Editors	377	459	82	21.75%	8	9	17
27-3043	Writers and Authors	309	364	55	17.80%	6	5	11
27-3091	Interpreters and Translators	425	666	241	56.71%	24	5	29
27-4000	Media and Communication Equipment Workers	671	816	145	21.61%	15	14	29
27-4012	Broadcast Technicians	99	130	31	31.31%	3	2	6
27-4021	Photographers	382	455	73	19.11%	7	8	15
27-4099	Media and Communication Equipment Workers, All Other	78	86	8	10.26%	1	2	3
29-0000	Healthcare Practitioners and Technical Occupations	17,459	25,635	8,176	46.83%	818	327	1,145
29-1000	Health Diagnosing and Treating Practitioners	10,148	15,050	4,902	48.31%	491	202	693
29-1011	Chiropractors	252	327	75	29.76%	8	5	12
29-1021	Dentists, General	402	527	125	31.09%	13	7	19
29-1031	Dietitians and Nutritionists	161	230	69	42.86%	7	4	11
29-1041	Optometrists	108	133	25	23.15%	3	3	6
29-1051	Pharmacists	576	852	276	47.92%	28	11	39
29-1062	Family and General Practitioners	242	344	102	42.15%	10	3	13
29-1063	Internists, General	186	251	65	34.95%	7	3	9
29-1065	Pediatricians, General	62	83	21	33.87%	2	1	3

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29-1067	Surgeons	53	71	18	33.96%	2	1	3
29-1069	Physicians and Surgeons, All Other	513	655	142	27.68%	14	7	21
29-1071	Physician Assistants	168	271	103	61.31%	10	3	13
29-1111	Registered Nurses	5,182	8,105	2,923	56.41%	292	108	401
29-1122	Occupational Therapists	151	234	83	54.97%	8	2	10
29-1123	Physical Therapists	417	630	213	51.08%	21	4	25
29-1126	Respiratory Therapists	393	614	221	56.23%	22	13	35
29-1127	Speech-Language Pathologists	221	314	93	42.08%	9	6	15
29-1131	Veterinarians	169	198	29	17.16%	3	4	7
29-1199	Health Diagnosing and Treating Practitioners, All Other	593	835	242	40.81%	24	13	37
29-2000	Health Technologists and Technicians	6,916	10,051	3,135	45.33%	314	117	431
29-2011	Medical and Clinical Laboratory Technologists	420	599	179	42.62%	18	11	29
29-2012	Medical and Clinical Laboratory Technicians	250	347	97	38.80%	10	7	16
29-2021	Dental Hygienists	390	626	236	60.51%	24	3	27
29-2031	Cardiovascular Technologists and Technicians	274	426	152	55.47%	15	5	20
29-2032	Diagnostic Medical Sonographers	118	188	70	59.32%	7	2	9
29-2033	Nuclear Medicine Technologists	112	167	55	49.11%	6	2	8
29-2034	Radiologic Technologists and Technicians	569	848	279	49.03%	28	11	39
29-2041	Emergency Medical Technicians and Paramedics	780	1,185	405	51.92%	41	9	49
29-2051	Dietetic Technicians	150	222	72	48.00%	7	2	9
29-2052	Pharmacy Technicians	789	1,232	443	56.15%	44	10	55
29-2053	Psychiatric Technicians	155	231	76	49.03%	8	2	10
29-2055	Surgical Technologists	185	285	100	54.05%	10	2	12
29-2056	Veterinary Technologists and Technicians	192	256	64	33.33%	6	3	9
29-2061	Licensed Practical and Licensed Vocational Nurses	1,412	1,909	497	35.20%	50	31	81
29-2071	Medical Records and Health Information Technicians	779	1,101	322	41.34%	32	11	43
29-2081	Opticians, Dispensing	208	249	41	19.71%	4	4	8
29-2099	Health Technologists and Technicians, All Other	80	113	33	41.25%	3	1	5
29-9000	Other Healthcare Practitioners and Technical Occupations	395	534	139	35.19%	14	8	22
29-9011	Occupational Health and Safety Specialists	89	112	23	25.84%	2	2	4
29-9091	Athletic Trainers	65	86	21	32.31%	2	1	4
29-9099	Healthcare Practitioners and Technical Workers, All Other	213	297	84	39.44%	8	4	12
31-0000	Healthcare Support Occupations	8,916	13,577	4,661	52.28%	466	148	614
31-1000	Nursing, Psychiatric, and Home Health Aides	4,564	7,011	2,447	53.62%	245	60	305
31-1011	Home Health Aides	1,314	2,159	845	64.31%	85	17	102
31-1012	Nursing Aides, Orderlies, and Attendants	3,248	4,848	1,600	49.26%	160	43	203
31-2000	Occupational and Physical Therapist Assistants and Aides							
		322	504	182	56.52%	18	5	23
31-2021	Physical Therapist Assistants	125	200	75	60.00%	8	2	10

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
31-2022	Physical Therapist Aides	126	192	66	52.38%	7	2	9
31-9000	Other Healthcare Support Occupations	4,030	6,062	2,032	50.42%	203	83	286
31-9011	Massage Therapists	422	608	186	44.08%	19	8	27
31-9091	Dental Assistants	828	1,261	433	52.29%	43	23	66
31-9092	Medical Assistants	1,489	2,465	976	65.55%	98	28	125
31-9093	Medical Equipment Preparers	67	99	32	47.76%	3	1	4
31-9094	Medical Transcriptionists	373	542	169	45.31%	17	7	24
31-9095	Pharmacy Aides	161	186	25	15.53%	3	3	6
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	253	308	55	21.74%	6	5	10
31-9099	Healthcare Support Workers, All Other	437	593	156	35.70%	16	8	24
33-0000	Protective Service Occupations	13,967	19,329	5,362	38.39%	536	397	933
33-1000	First-Line Supervisors/Managers, Protective Service Workers	1,610	2,364	754	46.83%	75	58	133
33-1011	First-Line Supervisors/Managers of Correctional Officers	264	343	79	29.92%	8	8	16
33-1012	First-Line Supervisors/Managers of Police and Detectives	446	583	137	30.72%	14	15	28
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	791	1,283	492	62.20%	49	33	82
33-1099	First-Line Supervisors/Managers, Protective Service Workers,	109	155	46	42.20%	5	3	7
33-2000	Fire Fighting and Prevention Workers	1,938	3,147	1,209	62.38%	121	56	177
33-2011	Fire Fighters	1,894	3,092	1,198	63.25%	120	55	175
33-3000	Law Enforcement Workers	5,853	7,772	1,919	32.79%	192	143	335
33-3011	Bailiffs	50	76	26	52.00%	3	1	4
33-3012	Correctional Officers and Jailers	1,928	2,424	496	25.73%	50	40	90
33-3021	Detectives and Criminal Investigators	2,052	2,587	535	26.07%	54	55	109
33-3031	Fish and Game Wardens	126	166	40	31.75%	4	3	7
33-3051	Police and Sheriff's Patrol Officers	1,685	2,502	817	48.49%	82	44	125
33-9000	Other Protective Service Workers	4,566	6,046	1,480	32.41%	148	140	288
33-9011	Animal Control Workers	109	164	55	50.46%	6	8	13
33-9021	Private Detectives and Investigators	90	116	26	28.89%	3	2	5
33-9031	Gaming Surveillance Officers and Gaming Investigators	437	663	226	51.72%	23	10	32
33-9032	Security Guards	3,079	3,940	861	27.96%	86	67	153
33-9091	Crossing Guards	137	214	77	56.20%	8	4	12
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective	195	288	93	47.69%	9	14	23
33-9099	Protective Service Workers, All Other	519	661	142	27.36%	14	36	50
35-0000	Food Preparation and Serving Related Occupations	36,767	52,175	15,408	41.91%	1,541	1,441	2,982
35-1000	Supervisors, Food Preparation and Serving Workers	3,056	4,333	1,277	41.79%	128	75	203
35-1011	Chefs and Head Cooks	424	599	175	41.27%	18	13	30
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,632	3,734	1,102	41.87%	110	63	173

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
35-2000	Cooks and Food Preparation Workers	11,027	15,772	4,745	43.03%	475	356	831
35-2011	Cooks, Fast Food	3,142	4,453	1,311	41.73%	131	97	228
35-2012	Cooks, Institution and Cafeteria	1,449	1,885	436	30.09%	44	45	89
35-2014	Cooks, Restaurant	2,569	3,620	1,051	40.91%	105	80	185
35-2015	Cooks, Short Order	528	702	174	32.95%	17	16	34
35-2021	Food Preparation Workers	3,339	5,112	1,773	53.10%	177	118	295
35-3000	Food and Beverage Serving Workers	17,996	25,479	7,483	41.58%	748	854	1,603
35-3011	Bartenders	1,973	2,810	837	42.42%	84	78	162
35-3021	Combined Food Preparation and Serving Workers, Including	7,305	10,396	3,091	42.31%	309	317	626
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,553	2,255	702	45.20%	70	101	172
35-3031	Waiters and Waitresses	6,589	9,279	2,690	40.83%	269	339	608
35-3041	Food Servers, Nonrestaurant	576	739	163	28.30%	16	19	36
35-9000	Other Food Preparation and Serving Related Workers	4,688	6,591	1,903	40.59%	190	155	346
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,571	2,200	629	40.04%	63	53	115
35-9021	Dishwashers	1,949	2,749	800	41.05%	80	66	146
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,132	1,591	459	40.55%	46	36	82
37-0000	Building and Grounds Cleaning and Maintenance Occupations	16,280	23,631	7,351	45.15%	735	326	1,061
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	1,620	2,374	754	46.54%	75	28	104
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	929	1,373	444	47.79%	44	22	66
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	691	1,001	310	44.86%	31	6	37
37-2000	Building Cleaning and Pest Control Workers	10,603	15,346	4,743	44.73%	474	209	683
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,918	8,758	2,840	47.99%	284	112	396
37-2012	Maids and Housekeeping Cleaners	4,425	6,193	1,768	39.95%	177	93	270
37-2021	Pest Control Workers	259	394	135	52.12%	14	4	17
37-3000	Grounds Maintenance Workers	4,057	5,911	1,854	45.70%	185	88	274
37-3011	Landscaping and Groundskeeping Workers	3,915	5,723	1,808	46.18%	181	85	266
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	110	142	32	29.09%	3	2	6
39-0000	Personal Care and Service Occupations	10,682	15,865	5,183	48.52%	520	269	788
39-1000	Supervisors, Personal Care and Service Workers	2,154	3,331	1,177	54.64%	118	47	164
39-1011	Gaming Supervisors	980	1,592	612	62.45%	61	21	82
39-1012	Slot Key Persons	831	1,296	465	55.96%	47	17	64

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
39-1021	First-Line Supervisors/Managers of Personal Service Workers	343	443	100	29.15%	10	9	19
39-2000	Animal Care and Service Workers	275	353	78	28.36%	8	7	15
39-2021	Nonfarm Animal Caretakers	270	348	78	28.89%	8	7	15
39-3000	Entertainment Attendants and Related Workers	2,816	4,577	1,761	62.54%	177	91	269
39-3011	Gaming Dealers	1,265	2,302	1,037	81.98%	104	40	144
39-3012	Gaming and Sports Book Writers and Runners	298	481	183	61.41%	18	9	28
39-3019	Gaming Service Workers, All Other	372	664	292	78.49%	29	11	41
39-3021	Motion Picture Projectionists	82	69	-13	-15.85%	0	4	4
39-3031	Ushers, Lobby Attendants, and Ticket Takers	111	121	10	9.01%	1	6	7
39-3091	Amusement and Recreation Attendants	467	635	168	35.97%	17	13	30
39-3099	Entertainment Attendants and Related Workers, All Other	190	265	75	39.47%	8	6	13
39-4000	Funeral Service Workers	59	90	31	52.54%	3	1	4
39-5000	Personal Appearance Workers	976	1,339	363	37.19%	36	20	56
39-5011	Barbers	107	136	29	27.10%	3	3	6
39-5012	Hairdressers, Hairstylists, and Cosmetologists	671	925	254	37.85%	25	13	38
39-5092	Manicurists and Pedicurists	170	242	72	42.35%	7	3	11
39-6000	Transportation, Tourism, and Lodging Attendants	796	1,000	204	25.63%	20	20	41
39-6011	Baggage Porters and Bellhops	93	130	37	39.78%	4	3	6
39-6021	Tour Guides and Escorts	582	712	130	22.34%	13	15	28
39-6031	Flight Attendants	57	64	7	12.28%	1	1	1
39-9000	Other Personal Care and Service Workers	3,606	5,175	1,569	43.51%	157	83	240
39-9011	Child Care Workers	1,275	1,876	601	47.14%	60	35	95
39-9021	Personal and Home Care Aides	702	1,051	349	49.72%	35	11	46
39-9031	Fitness Trainers and Aerobics Instructors	681	892	211	30.98%	21	16	37
39-9032	Recreation Workers	747	1,053	306	40.96%	31	17	48
39-9041	Residential Advisors	140	221	81	57.86%	8	3	11
39-9099	Personal Care and Service Workers, All Other	61	82	21	34.43%	2	1	3
41-0000	Sales and Related Occupations	39,576	47,474	7,898	19.96%	793	1,375	2,168
41-1000	Supervisors, Sales Workers	5,779	6,659	880	15.23%	88	104	192
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,387	6,181	794	14.74%	79	97	176
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	392	478	86	21.94%	9	7	16
41-2000	Retail Sales Workers	25,410	30,494	5,084	20.01%	510	1,087	1,597
41-2011	Cashiers	12,837	14,952	2,115	16.48%	212	625	836
41-2012	Gaming Change Persons and Booth Cashiers	734	1,129	395	53.81%	40	36	75
41-2021	Counter and Rental Clerks	815	1,085	270	33.13%	27	31	58
41-2022	Parts Salespersons	680	663	-17	-2.50%	0	19	19
41-2031	Retail Salespersons	10,344	12,665	2,321	22.44%	232	376	608
41-3000	Sales Representatives, Services	1,999	2,334	335	16.76%	34	41	74

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
41-3011	Advertising Sales Agents	307	359	52	16.94%	5	6	11
41-3021	Insurance Sales Agents	876	932	56	6.39%	6	21	27
41-3031	Securities, Commodities, and Financial Services Sales Agents							
		299	361	62	20.74%	6	3	10
41-3041	Travel Agents	207	297	90	43.48%	9	5	14
41-3099	Sales Representatives, Services, All Other	310	385	75	24.19%	8	6	13
41-4000	Sales Representatives, Wholesale and Manufacturing	2,783	3,887	1,104	39.67%	110	73	183
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	809	1,136	327	40.42%	33	21	54
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,974	2,751	777	39.36%	78	52	130
41-9000	Other Sales and Related Workers	3,605	4,100	495	13.73%	51	70	121
41-9011	Demonstrators and Product Promoters	84	107	23	27.38%	2	2	4
41-9021	Real Estate Brokers	1,216	1,413	197	16.20%	20	24	44
41-9022	Real Estate Sales Agents	1,195	1,394	199	16.65%	20	24	44
41-9041	Telemarketers	768	765	-3	-0.39%	0	13	13
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and	103	93	-10	-9.71%	0	2	2
41-9099	Sales and Related Workers, All Other	188	257	69	36.70%	7	4	11
43-0000	Office and Administrative Support Occupations	56,415	69,421	13,006	23.05%	1,361	1,306	2,667
43-1000	Supervisors, Office and Administrative Support Workers	3,507	4,439	932	26.58%	93	75	168
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	3,507	4,439	932	26.58%	93	75	168
43-2000	Communications Equipment Operators	661	674	13	1.97%	2	17	19
43-2011	Switchboard Operators, Including Answering Service	542	564	22	4.06%	2	14	16
43-2099	Communications Equipment Operators, All Other	91	83	-8	-8.79%	0	2	2
43-3000	Financial Clerks	9,445	11,695	2,250	23.82%	225	228	453
43-3011	Bill and Account Collectors	713	970	257	36.04%	26	13	39
43-3021	Billing and Posting Clerks and Machine Operators	1,305	1,568	263	20.15%	26	22	48
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,754	5,737	983	20.68%	98	89	187
43-3041	Gaming Cage Workers	288	442	154	53.47%	15	14	29
43-3051	Payroll and Timekeeping Clerks	836	1,143	307	36.72%	31	22	53
43-3061	Procurement Clerks	366	440	74	20.22%	7	9	17
43-3071	Tellers	1,183	1,395	212	17.92%	21	58	80
43-4000	Information and Record Clerks	14,872	19,164	4,292	28.86%	468	341	809
43-4031	Court, Municipal, and License Clerks	651	992	341	52.38%	34	14	49
43-4051	Customer Service Representatives	5,040	7,044	2,004	39.76%	200	75	275
43-4061	Eligibility Interviewers, Government Programs	403	437	34	8.44%	3	11	14
43-4071	File Clerks	911	654	-257	-28.21%	0	27	27
43-4081	Hotel, Motel, and Resort Desk Clerks	1,468	2,001	533	36.31%	53	66	119

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
43-4111	Interviewers, Except Eligibility and Loan	466	691	225	48.28%	23	12	35
43-4121	Library Assistants, Clerical	245	365	120	48.98%	12	10	22
43-4131	Loan Interviewers and Clerks	339	350	11	3.24%	1	5	6
43-4141	New Accounts Clerks	119	136	17	14.29%	2	3	5
43-4151	Order Clerks	456	394	-62	-13.60%	0	10	10
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	507	672	165	32.54%	17	11	27
43-4171	Receptionists and Information Clerks	3,282	4,473	1,191	36.29%	119	81	200
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	146	181	35	23.97%	4	4	7
43-4199	Information and Record Clerks, All Other	757	707	-50	-6.61%	0	12	12
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	7,640	8,716	1,076	14.08%	114	223	337
43-5011	Cargo and Freight Agents	105	107	2	1.90%	0	2	3
43-5021	Couriers and Messengers	226	246	20	8.85%	2	5	7
43-5031	Police, Fire, and Ambulance Dispatchers	524	791	267	50.95%	27	11	38
43-5032	Dispatchers, Except Police, Fire, and Ambulance	495	606	111	22.42%	11	11	22
43-5041	Meter Readers, Utilities	262	194	-68	-25.95%	0	8	8
43-5061	Production, Planning, and Expediting Clerks	385	496	111	28.83%	11	9	20
43-5071	Shipping, Receiving, and Traffic Clerks	1,903	2,275	372	19.55%	37	39	76
43-5081	Stock Clerks and Order Fillers	3,581	3,831	250	6.98%	25	133	158
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	135	144	9	6.67%	1	3	4
43-6000	Secretaries and Administrative Assistants	9,795	12,130	2,335	23.84%	234	188	421
43-6011	Executive Secretaries and Administrative Assistants	3,593	4,723	1,130	31.45%	113	69	182
43-6012	Legal Secretaries	358	513	155	43.30%	16	7	22
43-6013	Medical Secretaries	923	1,226	303	32.83%	30	18	48
43-6014	Secretaries, Except Legal, Medical, and Executive	4,921	5,668	747	15.18%	75	94	169
43-9000	Other Office and Administrative Support Workers	10,495	12,603	2,108	20.09%	225	234	459
43-9011	Computer Operators	445	402	-43	-9.66%	0	10	10
43-9021	Data Entry Keyers	392	400	8	2.04%	1	9	10
43-9022	Word Processors and Typists	273	229	-44	-16.12%	0	6	6
43-9041	Insurance Claims and Policy Processing Clerks	196	220	24	12.24%	2	3	6
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	165	115	-50	-30.30%	0	5	5
43-9061	Office Clerks, General	8,229	10,384	2,155	26.19%	216	182	398
43-9071	Office Machine Operators, Except Computer	239	232	-7	-2.93%	0	6	6
43-9199	Office and Administrative Support Workers, All Other	512	563	51	9.96%	5	12	17
45-0000	Farming, Fishing, and Forestry Occupations	11,736	10,954	-782	-6.66%	8	324	332
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	1,032	918	-114	-11.05%	0	24	24

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	298	286	-12	-4.03%	0	7	7
45-1012	Farm Labor Contractors	734	632	-102	-13.90%	0	17	17
45-2000	Agricultural Workers	10,583	9,885	-698	-6.60%	5	298	303
45-2011	Agricultural Inspectors	193	233	40	20.73%	4	5	9
45-2041	Graders and Sorters, Agricultural Products	411	392	-19	-4.62%	0	11	11
45-2091	Agricultural Equipment Operators	314	261	-53	-16.88%	0	9	9
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	9,504	8,825	-679	-7.14%	0	269	269
45-2093	Farmworkers, Farm and Ranch Animals	88	88	0	0.00%	0	3	3
45-2099	Agricultural Workers, All Other	73	86	13	17.81%	1	2	3
45-4000	Forest, Conservation, and Logging Workers	121	151	30	24.79%	3	2	5
45-4022	Logging Equipment Operators	66	88	22	33.33%	2	1	3
47-0000	Construction and Extraction Occupations	33,359	43,477	10,118	30.33%	1,012	645	1,657
47-1000	Supervisors, Construction and Extraction Workers	2,269	2,991	722	31.82%	72	39	111
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	2,269	2,991	722	31.82%	72	39	111
47-2000	Construction Trades Workers	27,082	35,079	7,997	29.53%	800	495	1,295
47-2021	Brickmasons and Blockmasons	1,119	1,435	316	28.24%	32	17	48
47-2022	Stonemasons	314	412	98	31.21%	10	5	15
47-2031	Carpenters	4,816	6,470	1,654	34.34%	165	78	244
47-2041	Carpet Installers	488	550	62	12.70%	6	8	14
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	180	233	53	29.44%	5	3	8
47-2044	Tile and Marble Setters	447	639	192	42.95%	19	7	26
47-2051	Cement Masons and Concrete Finishers	1,130	1,517	387	34.25%	39	23	61
47-2061	Construction Laborers	5,837	7,069	1,232	21.11%	123	78	201
47-2071	Paving, Surfacing, and Tamping Equipment Operators	271	413	142	52.40%	14	4	18
47-2072	Pile-Driver Operators	56	77	21	37.50%	2	1	3
47-2073	Operating Engineers and Other Construction Equipment Operators	2,858	3,770	912	31.91%	91	74	165
47-2081	Drywall and Ceiling Tile Installers	1,282	1,646	364	28.39%	36	28	64
47-2082	Tapers	515	649	134	26.02%	13	11	25
47-2111	Electricians	1,863	2,398	535	28.72%	54	37	90
47-2121	Glaziers	189	238	49	25.93%	5	4	9
47-2131	Insulation Workers, Floor, Ceiling, and Wall	130	160	30	23.08%	3	4	7
47-2141	Painters, Construction and Maintenance	1,500	1,998	498	33.20%	50	23	73
47-2151	Pipelayers	456	615	159	34.87%	16	11	26
47-2152	Plumbers, Pipefitters, and Steamfitters	1,637	2,187	550	33.60%	55	38	93
47-2161	Plasterers and Stucco Masons	445	562	117	26.29%	12	8	20
47-2181	Roofers	750	1,002	252	33.60%	25	18	43

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
47-2211	Sheet Metal Workers	568	730	162	28.52%	16	14	30
47-2221	Structural Iron and Steel Workers	81	111	30	37.04%	3	2	5
47-3000	Helpers, Construction Trades	1,341	1,745	404	30.13%	40	56	96
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	259	346	87	33.59%	9	11	20
47-3012	Helpers--Carpenters	174	235	61	35.06%	6	7	13
47-3013	Helpers--Electricians	335	423	88	26.27%	9	14	23
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	192	252	60	31.25%	6	8	14
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	176	234	58	32.95%	6	7	13
47-3016	Helpers--Roofers	137	181	44	32.12%	4	6	10
47-3019	Helpers, Construction Trades, All Other	68	74	6	8.82%	1	3	3
47-4000	Other Construction and Related Workers	1,773	2,545	772	43.54%	77	32	109
47-4011	Construction and Building Inspectors	363	556	193	53.17%	19	8	28
47-4031	Fence Erectors	458	590	132	28.82%	13	7	20
47-4051	Highway Maintenance Workers	623	954	331	53.13%	33	9	42
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	170	258	88	51.76%	9	5	13
47-4099	Construction and Related Workers, All Other	99	110	11	11.11%	1	2	3
47-5000	Extraction Workers	894	1,117	223	24.94%	22	24	46
47-5021	Earth Drillers, Except Oil and Gas	205	265	60	29.27%	6	4	10
47-5041	Continuous Mining Machine Operators	192	237	45	23.44%	5	6	10
47-5042	Mine Cutting and Channeling Machine Operators	183	230	47	25.68%	5	5	10
47-5081	Helpers--Extraction Workers	222	273	51	22.97%	5	6	11
49-0000	Installation, Maintenance, and Repair Occupations	16,413	21,270	4,857	29.59%	486	375	861
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	1,207	1,587	380	31.48%	38	30	68
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and	1,207	1,587	380	31.48%	38	30	68
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	1,312	1,564	252	19.21%	25	25	51
49-2011	Computer, Automated Teller, and Office Machine Repairers	263	318	55	20.91%	6	3	9
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	537	603	66	12.29%	7	11	18
49-2091	Avionics Technicians	56	71	15	26.79%	2	1	3
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	97	133	36	37.11%	4	2	6
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	58	65	7	12.07%	1	1	2
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	55	60	5	9.09%	1	1	2

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	57	60	3	5.26%	0	1	1
49-2098	Security and Fire Alarm Systems Installers	125	175	50	40.00%	5	2	7
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	5,628	7,125	1,497	26.60%	150	147	297
49-3011	Aircraft Mechanics and Service Technicians	241	336	95	39.42%	10	6	15
49-3021	Automotive Body and Related Repairers	501	619	118	23.55%	12	10	22
49-3022	Automotive Glass Installers and Repairers	76	101	25	32.89%	3	1	4
49-3023	Automotive Service Technicians and Mechanics	2,547	3,278	731	28.70%	73	68	141
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	527	714	187	35.48%	19	14	32
49-3041	Farm Equipment Mechanics	164	187	23	14.02%	2	4	6
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	731	944	213	29.14%	21	16	37
49-3051	Motorboat Mechanics	109	142	33	30.28%	3	3	6
49-3052	Motorcycle Mechanics	216	233	17	7.87%	2	5	7
49-3091	Bicycle Repairers	62	64	2	3.23%	0	3	3
49-3093	Tire Repairers and Changers	352	381	29	8.24%	3	15	18
49-9000	Other Installation, Maintenance, and Repair Occupations	8,266	10,994	2,728	33.00%	273	173	446
49-9011	Mechanical Door Repairers	64	72	8	12.50%	1	2	2
49-9012	Control and Valve Installers and Repairers, Except Mechanical	61	84	23	37.70%	2	2	4
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	997	1,376	379	38.01%	38	13	51
49-9031	Home Appliance Repairers	133	147	14	10.53%	1	3	5
49-9041	Industrial Machinery Mechanics	803	1,004	201	25.03%	20	16	36
49-9042	Maintenance and Repair Workers, General	4,118	5,643	1,525	37.03%	153	79	232
49-9043	Maintenance Workers, Machinery	231	293	62	26.84%	6	5	11
49-9051	Electrical Power-Line Installers and Repairers	136	176	40	29.41%	4	4	8
49-9052	Telecommunications Line Installers and Repairers	282	345	63	22.34%	6	8	14
49-9064	Watch Repairers	74	86	12	16.22%	1	2	3
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	195	250	55	28.21%	6	5	10
49-9094	Locksmiths and Safe Repairers	54	77	23	42.59%	2	2	4
49-9098	Helpers--Installation, Maintenance, and Repair Workers	516	647	131	25.39%	13	18	31
49-9099	Installation, Maintenance, and Repair Workers, All Other	416	557	141	33.89%	14	10	24
51-0000	Production Occupations	15,021	18,885	3,864	25.72%	391	366	758
51-1000	Supervisors, Production Workers	1,124	1,479	355	31.58%	36	24	59
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,124	1,479	355	31.58%	36	24	59
51-2000	Assemblers and Fabricators	2,308	2,954	646	27.99%	65	59	124
51-2022	Electrical and Electronic Equipment Assemblers	142	196	54	38.03%	5	3	9
51-2041	Structural Metal Fabricators and Fitters	119	150	31	26.05%	3	3	6

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
51-2091	Fiberglass Laminators and Fabricators	86	114	28	32.56%	3	2	5
51-2092	Team Assemblers	1,623	2,097	474	29.21%	47	42	89
51-2099	Assemblers and Fabricators, All Other	254	306	52	20.47%	5	7	12
51-3000	Food Processing Workers	1,487	2,037	550	36.99%	55	34	89
51-3011	Bakers	367	546	179	48.77%	18	9	26
51-3021	Butchers and Meat Cutters	405	558	153	37.78%	15	9	24
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	144	198	54	37.50%	5	3	9
51-3092	Food Batchmakers	428	565	137	32.01%	14	11	24
51-3093	Food Cooking Machine Operators and Tenders	113	134	21	18.58%	2	3	5
51-4000	Metal Workers and Plastic Workers	2,078	2,615	537	25.84%	54	53	107
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	89	117	28	31.46%	3	2	4
51-4012	Numerical Tool and Process Control Programmers	76	96	20	26.32%	2	1	3
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	161	167	6	3.73%	1	5	6
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and	103	104	1	0.97%	0	2	3
51-4034	Lathe and Turning Machine Tool Setters, Operators, and	53	81	28	52.83%	3	1	4
51-4041	Machinists	347	453	106	30.55%	11	8	19
51-4051	Metal-Refining Furnace Operators and Tenders	101	126	25	24.75%	3	2	5
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51	64	13	25.49%	1	1	3
51-4121	Welders, Cutters, Solderers, and Brazers	543	699	156	28.73%	16	15	31
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators,	167	211	44	26.35%	4	5	9
51-4199	Metal Workers and Plastic Workers, All Other	71	82	11	15.49%	1	2	3
51-5000	Printing Workers	381	479	98	25.72%	10	9	19
51-5021	Job Printers	67	87	20	29.85%	2	2	4
51-5022	Prepress Technicians and Workers	56	61	5	8.93%	1	1	2
51-5023	Printing Machine Operators	246	319	73	29.67%	7	6	13
51-6000	Textile, Apparel, and Furnishings Workers	1,369	1,792	423	30.90%	42	29	72
51-6011	Laundry and Dry-Cleaning Workers	488	701	213	43.65%	21	13	35
51-6021	Pressers, Textile, Garment, and Related Materials	126	180	54	42.86%	5	2	7
51-6031	Sewing Machine Operators	205	268	63	30.73%	6	3	9
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	343	387	44	12.83%	4	6	11
51-6093	Upholsterers	51	61	10	19.61%	1	1	2
51-7000	Woodworkers	1,065	1,181	116	10.89%	14	27	42
51-7011	Cabinetmakers and Bench Carpenters	461	571	110	23.86%	11	12	23
51-7021	Furniture Finishers	125	99	-26	-20.80%	0	3	3
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	287	311	24	8.36%	2	8	11

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	178	188	10	5.62%	1	5	6
51-8000	Plant and System Operators	842	1,110	268	31.83%	27	25	51
51-8013	Power Plant Operators	221	255	34	15.38%	3	6	9
51-8021	Stationary Engineers and Boiler Operators	142	182	40	28.17%	4	3	7
51-8031	Water and Liquid Waste Treatment Plant and System Operators	355	521	166	46.76%	17	12	29
51-9000	Other Production Occupations	4,367	5,238	871	19.95%	89	107	196
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine	269	324	55	20.45%	6	9	14
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators,	188	236	48	25.53%	5	5	10
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	319	410	91	28.53%	9	8	17
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	52	67	15	28.85%	2	1	3
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	212	272	60	28.30%	6	6	12
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	93	120	27	29.03%	3	2	5
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	558	677	119	21.33%	12	13	25
51-9071	Jewelers and Precious Stone and Metal Workers	102	129	27	26.47%	3	2	5
51-9081	Dental Laboratory Technicians	68	85	17	25.00%	2	2	3
51-9111	Packaging and Filling Machine Operators and Tenders	723	733	10	1.38%	1	14	15
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	84	110	26	30.95%	3	2	5
51-9122	Painters, Transportation Equipment	82	111	29	35.37%	3	2	5
51-9123	Painting, Coating, and Decorating Workers	92	118	26	28.26%	3	2	5
51-9131	Photographic Process Workers	63	56	-7	-11.11%	0	2	2
51-9132	Photographic Processing Machine Operators	97	86	-11	-11.34%	0	2	2
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	157	183	26	16.56%	3	4	6
51-9196	Paper Goods Machine Setters, Operators, and Tenders	301	390	89	29.57%	9	6	15
51-9198	Helpers--Production Workers	559	740	181	32.38%	18	16	34
51-9199	Production Workers, All Other	168	173	5	2.98%	1	4	5
53-0000	Transportation and Material Moving Occupations	21,795	27,462	5,667	26.00%	568	486	1,054
53-1000	Supervisors, Transportation and Material Moving Workers	925	1,232	307	33.19%	31	22	52
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and	396	500	104	26.26%	10	9	20
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	511	707	196	38.36%	20	12	32
53-2000	Air Transportation Workers	377	455	78	20.69%	8	10	18
53-2011	Airline Pilots, Copilots, and Flight Engineers	105	124	19	18.10%	2	3	5

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
53-2012	Commercial Pilots	188	235	47	25.00%	5	5	10
53-2021	Air Traffic Controllers	70	81	11	15.71%	1	2	3
53-3000	Motor Vehicle Operators	9,991	13,097	3,106	31.09%	311	151	462
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	127	155	28	22.05%	3	1	4
53-3021	Bus Drivers, Transit and Intercity	241	317	76	31.54%	8	5	13
53-3022	Bus Drivers, School	1,580	2,456	876	55.44%	88	34	122
53-3031	Driver/Sales Workers	1,238	1,676	438	35.38%	44	20	64
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,733	4,625	892	23.89%	89	61	150
53-3033	Truck Drivers, Light or Delivery Services	2,367	3,024	657	27.76%	66	22	87
53-3041	Taxi Drivers and Chauffeurs	532	659	127	23.87%	13	5	18
53-3099	Motor Vehicle Operators, All Other	173	185	12	6.94%	1	2	4
53-5000	Water Transportation Workers	89	102	13	14.61%	1	3	4
53-5021	Captains, Mates, and Pilots of Water Vessels	86	100	14	16.28%	1	2	4
53-6000	Other Transportation Workers	884	1,027	143	16.18%	14	33	48
53-6021	Parking Lot Attendants	328	333	5	1.52%	1	10	10
53-6031	Service Station Attendants	470	586	116	24.68%	12	21	33
53-6099	Transportation Workers, All Other	50	66	16	32.00%	2	2	3
53-7000	Material Moving Workers	9,504	11,520	2,016	21.21%	202	267	469
53-7032	Excavating and Loading Machine and Dragline Operators	496	648	152	30.65%	15	14	29
53-7051	Industrial Truck and Tractor Operators	931	1,128	197	21.16%	20	18	37
53-7061	Cleaners of Vehicles and Equipment	948	1,131	183	19.30%	18	33	51
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,635	5,460	825	17.80%	83	152	234
53-7063	Machine Feeders and Offbearers	102	108	6	5.88%	1	3	3
53-7064	Packers and Packagers, Hand	1,819	2,298	479	26.33%	48	34	82
53-7081	Refuse and Recyclable Material Collectors	365	519	154	42.19%	15	9	25

¹ Balance of State equals all the areas in Arizona outside of the Phoenix and Tucson MSAs (Metropolitan Statistical Areas).
Phoenix MSA = all of Maricopa & Pinal counties, Tucson MSA = all of Pima county.

² For more information on the Standard Occupational Classification (SOC) system, go to: www.bls.gov/soc/socguide.htm
For Occupational Dictionary, see: http://www.bls.gov/oes/current/oes_stru.htm

³ Total average annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Standard Occupation Classification (SOC) ²		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³

Some Occupations suppressed due to confidentiality or base employment less than 50.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, September 2007.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system.

Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.

It is therefore recommended that these data be used with other sources of occupational information.

[See Notes worksheet for additional information on methodology.](#)

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.